



EXPLANATION

5  
6

ISOPACHS - Showing thickness of coal, in feet. Long dashed where inferred; short dashed where projected beyond coal-bearing area. Isopach interval 1 foot.

5200  
5120

STRUCTURE CONTOURS - Drawn on top of coal bed. Solid where vertical accuracy within 80 feet; long dashed where vertical accuracy possibly not within 80 feet; short dashed where projected above ground surface. Contour interval 80 feet (24 m). Datum is mean sea level.

4999  
4.6

POINT OF MEASUREMENT - Showing altitude of top of coal bed, and thickness of coal, in feet. Includes all points of measurement other than drill holes.

Em - Emery coal zone  
Fe - Ferron coal zone

COAL BED SYMBOLS AND NAMES - Coal beds identified by bracketed numbers are not formally named, but are numbered for identification purposes in this quadrangle only.

Em

TRACE OF COAL ZONE OUTCROP - Showing symbol of name of coal zone as listed above. Arrow points toward coal-bearing area. Dashed where inferred.

TRACE OF FAULT - Bar and ball on down-thrown side when direction of movement is known. Dashed where inferred or approximately located.

AXIS OF SYNCLINE

AXIS OF ANTICLINE - Dashed where approximately located.

INFERRED LIMIT OF BURNED AND CLINKERED COAL - Arrow points toward area of baked and fused rock.

32

STRIKE AND DIP OF BEDS

To convert feet to meters, multiply feet by 0.3048.

Base from U.S. Geological Survey, 1953

This report has not been edited for conformity with U.S. Geological Survey editorial standards or stratigraphic nomenclature.



Compiled in 1978/79

COAL RESOURCE OCCURRENCE MAP OF THE SOUTHWEST QUARTER OF THE  
MT. PENNELL 15-MINUTE QUADRANGLE, GARFIELD COUNTY, UTAH  
BY  
DAMES AND MOORE  
1979